LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 229

OLIVE OIL

12083—1

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 229

OLIVE OIL

OTTAWA, October 24, 1911.

W J. GERALD, Esq.
Deputy Minister of Inland Revenue.

SIR,—I have the honour to forward you herewith a report upon the examination of 152 samples of Olive Oil, purchased by our inspectors throughout Canada in April of this year. Of this number 139 samples are found to be genuine, and 13 samples are adulterated under the terms of the Act. The adulteration consists in every case of an admixture of Cotton Seed Oil, 'an inferior or cheaper substance' (Sec. 3 (*b*), without declaration of this fact (Sec. 3 (*d*).

It appears from correspondence had with importers and vendors, that in some cases this article has been sold in good faith, as believed to be genuine Olive Oil. It is imported for the most part, in sealed containers, and apparently represented as Olive Oil. While this fact seems to exculpate the immediate vendors from any charge of intent to defraud, it does not warrant me in describing the samples as other than adulterated under the Act.

Olive Oil has been collected and examined on four different occasions, with the following results :—

Bulletin.	Date.	Total Samples.	Genuine.	Adulterated	Doubtful.	Sold as Salad Oil.
67	1889	75	40	30	5	—
111	1905	108	66	16	2	24
159	1908	82	64	15	—	3
229	1911	152	139	13	—	—

Percentage of adulteration, 40, 15, 18 and 8.

It is gratifying to note that the percentage of adulteration is greatly reduced since 1889, when the first inspection was made.

It is right also to point out that as concerns healthfulness there is no case against well refined Cotton Seed Oil as a food substance, either alone or in admixture. Adulteration consists in the sale of the article under a name which properly belongs to another food material.

The following standards for Olive Oil are respectfully recommended for further study, with reference to legalization, under Section 26 of the Adulteration Act. It is to be noted that, except in the last particular, they do not take into consideration the quality of the oil ; but only its genuineness as regards specific identity.

PROPOSED STANDARDS FOR OLIVE OIL.

Olive Oil, is entirely a product of the fruit of the Olive tree.

Its specific gravity at 15·5° centigrade, is not less than 0·9140, nor more than 0·9196.

Its specific refractive index at 15·5° C. is not less than 1·4700 nor more than 1·4718.

Its Maumene number varies from 42 to 52.

Its iodine absorption number (using the Hübl solution) lies between 77 per cent and 94 per cent.

Its saponification (Kœttstorfer) number lies between 185·0 and 195·0.

It does not contain above 3·5 per cent of free fatty acids.

I beg to recommend the publication of this report as Bulletin No. 229.

I have the honour to be, sir,

Your obedient servant,

A. McGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Furnisher.	Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis. Refractive index at 15·5 c.	Results of Analysis. Iodine number.	Results of Analysis. Nitric Acid Colour test.	Results of Analysis. Halphen's Colour test.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.														
1911.														
April 18	Olive Oil	42261	O. Lyons, Kentville, N.S.	3 bots.	75	Crosse & Blackwell, London, Eng.	Unknown		1·4701		Green		42261	Genuine.
" 19	"	42262	W. Low & Co., Yarmouth, N.S.	"	54	"	Manufacturers	Pure Lucca oil	1·4703		"		42262	"
" 19	"	42263	Yerxas, Yarmouth, N.S.	"	45	"	"		1·4693		"		42263	"
" 20	"	42264	R. F. Guest, Yarmouth, N.S.	1 pt.	50	Caguoli, Nice, Italy	E. Allan, Yarmouth, N.S.	Sold as Lucca oil	1·4705		"		42264	"
" 24	"	42265	Nat. Drug. & Chem. Co., Halifax, N.S.	1 "	35	Unknown	N. D. & C. Co., Montreal.		1·4707		"		42265	"
" 24	"	42266	Bauld Bros., Ltd., Halifax, N.S.	3 bots.	88	Fratelli Alfonso, Lucca, Italy.	Reiss & Brady, New York.	Sold as Lucca oil	1·4700		"		42266	"
" 24	"	42267	Wentzells, Ltd., Halifax, N.S.	3 "	75	Gaillard & fils, France.	Manufacturers	" "	1·4705		"		42267	"
" 25	"	42268	J. Rawley, Halifax, N.S.	1 pt.	60	Unknown	N. D. & C. Co., Halifax, N.S.		1·4708		"		42268	"
" 25	"	42269	C. E. Huggins, Halifax, N.S.	1 "	50	Gaillard & fils, France.	Wentzells, Ltd., Halifax, N.S.		1·4702		"		42269	"
" 25	"	42270	M. D. Logan, Halifax, N.S.	1 "	50	Unknown	N. D. & C. Co., Halifax, N.S.		1·4701		"		42270	"

DISTRICT OF PRINCE EDWARD ISLAND—THEO. MOORE, INSPECTOR.

April	6	Olive Oil.	46031	J. G. Jamieson, Charlottetown.	1 pt.	50	J. B. & A. Artand, frères, Marseille.	.....	.....	1·4701	.....	Green.	.....	46031	"
"	6	" ..	46032	G. E. Hughes, Charlottetown.	1 "	50	Société des Huiles d' Olive, Nice, France.	.....	.....	1·4700	.....	"	.....	46032	"
"	6	" .	46033	A. Galis & Co., Charlottetown.	1 "	45	Crosse & Blackwell, London, Eng.	.....	.....	1·4699	.....	"	.....	46033	"
"	7	" ..	46034	Johnson & Johnson, Charlottetown.	1 "	50	A. Guiot & Cie, Aix en Provence.	.....	.....	1·4699	.....	"	.....	46034	"
"	10	" ..	46035	J. C. Ferguson, Souris.	1 "	50	.....	Nat. Drug Co., Halifax, N.S	.....	1·4699	.....	"	.....	46035	"
"	11	" ..	46036	Matthew & McLean, Souris.	1 "	45	.....	E. Lazenby & Sons, London.	Finest Lucca oil.	1·4699	.....	"	.....	46036	"
"	24	" ..	46037	Dr. McLeod, Hunter River.	1 "	50	.....	Ingram & Bell, Montreal.	.....	1·4705	.....	"	.....	46037	"
"	24	" ..	46038	Keir & McFadyen, Kensington.	1 "	50	.....	N. C. Polson, Montreal.	.....	1·4701	.....	"	.....	46038	"
"	25	" ..	46039	McFadyen & McLellan, Summerside.	1 "	50	Schoder & Schylerof, Bordeaux, France.	.....	.....	1·4698	.....	"	.....	46039	"
"	25	" ..	46040	A. W. P. Gourlie, Summerside.	1 "	50	Flogette & Gueorippi, Italy.	.....	.....	1·4738	104	Brown ..	Red ..	46040	Adulterated

DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR.

Mch.	29	Olive Oil.	45454	Northrup & Co., St. John, N.B.	3 bots.	70	Tessier frère, France.	.....	"Tallos" Brand	1·4705	.....	Green..	...	45454	Genuine.
"	31	" ..	45455	G. K. Bell, St. John, N.B.	1 pt.	50	.....	Nat. Drug. & Chem. Co., Ltd., St. John, N.B.	Olympia "	1·4703	...	"	.....	45455	"
"	31	" ..	45456	E. Clinton Brown, St. John, N.B.	1 "	50	Tessier frère, France.	.....	Tallos "	1·4702	.....	"	...	45456	"
April	4	" .	45457	W. Hawker & Son, St. John, N.B.	1 "	85	.....	Nat. Drug. & Chem. Co., Ltd., St. John, N.B.	Na-Dru-Co. "	1·47[illegible]5	.....	"	....	45457	"
"	10	" ..	45458	Chas. A. Burchill, Fredericton, N.B.	1 "	60	Warrick frère, Grasse, France.	.....	Huile d'Olive Surfine.	1·4706	.....	"	...	45458	"
"	10	" ..	45459	Geo. T. Whelpley Estate, Fredericton, N.B.	3 bots.	75	Layenby & Son, Ltd., London, Eng.	.....	Huile de Provence Surfine.	1·4707		"	...	45459	"
"	11	" .	45460	The Baird Co., Ltd., Woodstock, N.B.	1 pt.	50	Societée des Huiles d'Olive, de Nice, France.	.....	.....	1·4706	.....	" ..	...	45460	"

Date of Collection.	Nature of Sample	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report (Is not an expression of Opinion.)	Results of Analysis. Refractive index at 15·5 c.	Iodine number.	Nitric Acid Colour test.	Halphen's Colour test.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR—*Concluded.*														
1911.														
April 19	Olive Oil..	45461	B. J. Sharp, Sussex, N.B.	1 pt.	70	.....	Nat. Drug. & Chem. Co., Ltd., St. John, N.B.	Na-Dru-Co. Brand.	1·4707	....	Green...	.....	45461	Genuine.
" 20	" ..	45462	Fairweather Bros. Moncton, N.B.	1 "	75	.....	Lymans Ltd., Montreal.	Sample from Can labelled A. Guiot & Cie, Aix en Provence, France.	1·4707	....	"		45462	"
" 22	" ..	45463	The McCarthy Drug Co., Bathurst, N.B.	1 "	60	.....	The Canadian Drug.Co., Ltd., St. John, N.B.	Vestal Oil. Huile d'Olive Vierge. S. S. Schroder & Schryfers, Bordeaux, France.	1·4709	....	" ...	...	45463	"
DISTRICT OF QUEBEC—F. X. W. E. BELAND, INSPECTOR.														
Mch. 28	Olive Oil.	36911	J. B. Morin, 318½ Rue St. Joseph, Quebec.	1 pt.	40	Gerard Jolie, France.	Unknown	.....	1·4704	Green	... .	.....	36911	Genuine.
" 29	" ..	36912	O. Lacroix, 19 Rue St. Joseph, Quebec.	1 "	40	Aboosamoa Kouri, Montreal.	Manufacturer...	.....	1·4719	94	Brown.	Red .	36912	Adulterated
" 30	" ..	36913	L. E. Martel, 19 Rue St. Joseph, Quebec.	1 "	40	Unknown	Nat. Drug Co., Montreal.	.....	1·4704	...	Green..	....	36913	Genuine.
" 31	" ..	36914	W. Brunet, et Cie, 139 Rue St. Joseph, Quebec.	1 "	40	Gerard Jolie, France.	Unknown ...	.....	1·4699	...	"		36914	"

April	5	" ..	36915	Arthur Drolet, 714 Rue St. Valier, Quebec.	1	"	40	Henri Etienne, Boulle, Mars.	Laporte & Martin, Montreal.		1·4707		" ..		36915	"
"	5	" ..	36916	Hamel & Bedard, 528 Rue St. Valier. Quebec.	1	"	57	Henri Etienne, Boulle, Marseille.	N. Rioux & Cie, Quebec.		1·4699		"		36916	"
"	6	" ..	36917	Alphonse Martineau, 734 Rue St. Valier, Quebec.	1	"	50	Gerard Jolie, aix de Nice, France.	Dr. Ed. Morin et Cie.		1·4701		"		36917	"
"	7	" ..	36918	Joseph Masson, 808 Rue St. Valier, Quebec.	1	"	60	Nat. Drug. Co., Montreal.	Manufacturers.		1·4699		"		36918	"
"	7	" ..	36919	" "	1	"	80	Gerard Jolie aix de Nice, France.	Dr. Ed. Morin et Cie.		1·4699		"		36919	"
"	11	" ..	36920	A. E. Francoeur, 379½ Rue St. Jean, Quebec.	1	"	50	Unknown	Lyman, Knox Co., Montreal.		1·4739	107	Brown..	Red..	36920	Adulterated

DISTRICT OF ST. HYACINTHE—J. C. ROULEAU, INSPECTOR

April	24	Olive Oil..	38923	A. C. Trempe, Sorel .	1 pt..		50	L. A. Price, Lucca, Nice, Bordeaux.			1·4699		Green..		38923	Genuine.
"	25	" ..	38924	A. E. D'Artois & fils, Farnham.	1 " ..		45	Adolphe Puget, Marseilles.			1·4705		"		38924	"
"	26	" .	38925	L. Marceau, St. Jean .	1 " ..		60	F. Bertolli, Lucca, Italie.			1·4704		"		38925	"
"	27	" ..	38926	N. Mitchell & Co., Granby.	3 bots.		75		Crosse & Blackwell.		1·4701		"		38926	"
May	2	" ..	38927	J. O. Montplaiser, Drummondville.	1 can.		50	A. Puget, Marseilles			1·4701		"		38927	"
"	2	" ..	38928	Robinson & Ten[illegible] Waterloo.	[illegible] bots.		75		Crosse & Blackwell.		1·4699		"		38928	"
"	4	" ..	38929	A. H. Moore & Co., Magog.	3 " .		75		Nat. Drug & Chem. Co., Ltd., Montreal.	Na-Dru-Co brand.	1·4701		"		38929	"
"	5	" ..	38930	V. Archambault, E. Sherbrooke.	3 " .		75		Holbrook & Co., Nice.		1·4699		"		38930	"
"	8	" ..	38931	La Cie S. Bourgeois Inc., St. Hyacinthe.	[illegible]		80	Talbot & frere, Bordeaux, France.			1·4704		"		38931	"
"	10	" ..	38932	Denault & frères, Asbestos.	3 bots.	1 35		H. Etienne Boville, Marseilles.			1·4701		"		38932	"

DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR.

Mar.	27	Olive Oil..	40621	Sylvio Choquet, 153 Amherst st., Montreal	1 pt..		50		Hudon, Hébert & Cie, Ltd., Montreal.		1·4702		Green..		40621	Genuine.
"	27	" ..	40622	H. R. Gray, 198 St. Lawrence B., Montreal.	1 " ..		75				1·4701		" ..		40622	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor: Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of Opinion).	Results of Analysis. Refractive index at 15·5c.	Iodine number.	Nitric Acid Colour test.	Halphen's Colour test.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR—*Concluded.*														
1911.														
Mar. 27	Olive Oil..	40623	J. Pigeon, 412 Notre Dame W., Montreal.	1 pt..	50	.....	.....	.....	1·4709	.....	Green	.....	40623	Genuine.
April 13	" ..	40624	H. E. Archambault, 78 Notre Dame E., Montreal.	1 " ..	50	.....	.....	Imported	1·4700	.....	"	.....	40624	"
" 17	" ..	40625	Chas. Lippen, 427 Wellington st., Montreal	1 " ..	70	.....	.....	.....	1·4740	104	Brown..	Red..	40625	Adulterated
" 19	" ..	40626	G. W. Porcheron, 1024 St. Lawrence B., Montreal.	1 " ..	40	.....	.....	.....	1·4701	.....	Green..	.....	40626	Genuine.
" 19	" ..	40627	Louis Wemfeld, 1112 St. Lawrence B., Montreal.	1 " ..	75	.....	Laporte - Martin Cie, Ltd.	.....	1·4697	.....	"	.	40627	"
" 19	" ..	40628	Dr. Leduc et Cie, 1181 St. Lawrence B.,	1 " .	60	.....	.....	.....	1·4702	.....	"	.....	40628	"
" 19	" .	40629	Montreal. Dr. Prevost, 662 St.	1 " ..	75	.....	.....	.....	1·4699	...	"	...	40629	"
" 19	" ..	40630	Denis st., Montreal. J. E. Migeron, 540 St. Denis st., Montreal.	1 " .	50	.....	.....	.....	1·4705	..	"	..	40630	"
DISTRICT OF OTTAWA—J. A. RICKEY, INSPECTOR.														
Mar. 31	Olive Oil.	43221	D. J. Stalker, druggist, Ottawa.	16 oz.	50	Nat. Drug & Chem. Co. Ltd., Ottawa	Manufacturers ..	Tin labelled guaranteed absolutely pure.	1·4707	...	Green.	....	43221	Genuine.
" 31	" ..	43222	T. Payment, druggist, Ottawa.	18 "	75	A. Guict & Cie, France.	Ottawa Drug Co., Ottawa.	.....	1·4707	...	"	.....	43222	"

"	31	"	43223	Beattie & Argue, druggists, Ottawa.	18 "	75	A. Guiot & Cie, France.	T. Chamberlain & Co., Prescott.	.....	1·4725	103	Brown.	Red.	43223	Adulterated
April	1	"	43224	Allen & Cochrane, druggists, Ottawa.	20 "	90	Gaillard	.....	Imported by vendors.	1·4704	...	Green ..	.....	43224	Genuine.
"	1	"	43225	N. W. Campbell, druggist, Ottawa.	18 "	75	A. Guiot & Cie, France.	Ottawa Drug Co., Ottawa.	.....	1·4724	97	Brown..	Red. .	43225	Adulterated
"	3	"	43226	O. C. Abbott, druggist, Smith Falls.	18 "	75	F. Bertolli, Lucca, Tuscany, Italy.	Drug Trading Co., Toronto.	Guaranteed absolutely pure.	1·4703	.....	Green ..	.....	43226	Genuine.
"	3	"	43227	The A. B. Scott & Co., Smith Falls.	3 bots.	75	Liptons, Ltd., London, Eng.	Robertson Nicolle & Co., Smith Falls.	.....	1·4699	.....	"	.....	43227	"
"	5	"	43228	C. A. Ramshaw, druggist, Arnprior.	3 "	75	Nat. Drug & Chem. Co.	Manufacturers..	.....	1·4704	.....	"	.....	43228	"
"	5	"	43229	J. Chambers, druggist, Arnprior.	18 oz.	75	Nat. Drug & Chem. Co.	" ..	Labelled absolutely pure.	1·4703	.....	"	.....	43229	"
"	7	"	43230	C. Whitney & Son, Prescott.	3 bots.	75	H. E. Boulle, Marseilles, France.	Laporte Martin & Cie, Montreal.	Minerva Brand, guaranteed pure	1·4699	.....	"	...	43230	"

DISTRICT OF KINGSTON—JAS. HOGAN, INSPECTOR.

Mar.	24	Olive Oil	47756	T. Hoag, Kingston....	1 pt.	50	.....	N. C. Polson, Kingston.	.....	1·4697	.....	Green ..	..	47756	Genuine.
"	24	"	47757	C. S. Prouse, Kingston	1 "	60	.....	N. C. Polson, Kingston.	.....	1·4699	.....	"	.....	47757	"
"	24	"	47758	A. P. Chown, Kingston	1 "	60	.....	Lymans, Ltd., Montreal.	.....	1·4730	99	Brown.	Red. .	47758	Adulterated
"	24	"	47759	W. W. Gibson, Kingston.	1 "	60	.....	N. C. Polson, Kingston.	.....	1·4699	.....	Green ..	.....	47759	Genuine.
"	24	"	47760	N. C. Polson, Kingston	1 "	50	Sociétée des Huiles d'Olive de Nice, France.	.....	.....	1·4704	.....	"	.....	47760	"
"	27	"	47761	J. S. McKeown, Belleville.	1 "	50	.....	Lymans, Ltd., Montreal.	.....	1·4725	110	Brown.	No colour	47761	Adulterated
"	27	"	47762	D. M. Waters. Belleville.	1 "	60	.....	Lymans, Ltd., Montreal.	.....	1·4725	97	"	Red ..	47762	"
"	28	"	47763	McDermid & Jury, Peterboro.	1 "	75	.....	N. C. Polson, Kingston.	.....	1·4699	.....	Green ..	.....	47763	Genuine.
"	28	"	47764	Warne Drug Co., Peterboro.	1 "	75	Sociétée des Huiles d'Olive de Nice, France.	.....	.....	1·4701	.....	"	.....	47764	"
"	28	"	47765	Geo. Watson, Port Hope.	1 "	75	.....	Nat. Drug Co., Toronto.	.....	1·4704	....	"	.....	47765	"

BULLETIN No. 229—OLIVE OIL.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of Opinion).	Results of Analysis. Refractive index at 15·5c.	Iodine number.	Nitric Acid. Colour test.	Halphen's Colour test.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
DISTRICT OF TORONTO—H. J. DAGER, INSPECTOR.														
1911.														
April 5	Olive Oil	47275	T. J. Mundy, Penetang	1 pt	60		Drug Trading Co., Toronto.	Sold as pure olive oil.	1·4706		Green		47275	Genuine.
" 6	"	47276	J. A. Breens, Pharmacy, 216 Queen st. E., Toronto.	1 "	40		Lyman Bros. & Co., Ltd., Toronto.	Olio D'Oliva: fine.	1·4723	97	Brown	Red	47276	Adulterated
" 6	"	47277	G. Lamblyn, Ltd., Yonge st., Toronto.	1 "	40		A. Jeffrey, Toronto.	Superfine olive oil, F. Bretolli	1·4699		Green		47277	Genuine.
" 6	"	47278	S. T. Hopper, College st., Toronto.	1 "	50		Holbrook's, Ltd., Toronto.		1·4701		"		47278	"
" 7	"	47279	F. W. McLean, Queen st., Toronto.	1 "	60		The Drug Trading Co., Ltd, Toronto.	Labelled pure olive oil.	1·4705				47279	"
" 7	"	47280	G. E. Gibbard, 1871 Dundas st., Toronto.	1 "	70		Vendor	Labelled olive oil G. E. Gibbard, dispensing chemist.	1·4701		"		47280	"
" 7	"	47281	A. C. Thompson, 890 Dundas st., Toronto.	1 "	50		Saunders & Evans, Toronto	Best quality olive oil.	1·4706		"		47281	"
" 10	"	47297	J. D. Morrison, Bay st., Hamilton.	1 "	40		The Drug Trading Co., Ltd., Toronto.	Cream Lucca oil, guaranteed pure.	1·4702		"		47297	"
" 10	"	47298	A. E. Drewery, Jas. st., Hamilton.	1 "	50		Unknown.		1·4703		"		47298	"
" 10	"	47299	Hawkins, Ltd., 117 John st. South, Hamilton.	1 "	40		Nat. Drug & Chem. Co., Ltd., Hamilton.	Labelled pure olive oil.	1·4702		"		47299	"

DISTRICT OF LONDON—JNO. TALBOT, ACTING INSPECTOR.

April 25	Olive Oil.	48001	Alex. Stewart, Guelph.	3 bots.	75	.....	Nat. Drug Co., Hamilton.		1·4706		Green		48001	Genuine.
" 25	"	48003	J. B. Broadfoot, Guelph	3 "	75	.....	Drug Trading Co., Toronto.	Sample from original pkge. labelled F. Bertolli, Lucca, Tuscany.	1·4699		"		48003	"
" 26	"	48009	E. O. Ritz & Co., Berlin	3 "	75	.....	Holbrook & Co., London, Eng.	Labelled pure olive oil, prepared at Nice, France.	1·4697		"		48009	"
" 26	"	48011	J. H. Schmidt, Berlin.	3 "	75	Unknown.....	Unknown. . .	Labelled Martini & Co., Lucca, Italy.	1·4702		"		48011	"
" 26	"	48020	Fred C. Bond, Galt....	3 "	65	.....	Lyman Bros., Toronto.	.....	1·4697		"		48020	"
" 26	"	48022	A. M Edwards, Galt	3 "	45	.....	Martini & Co., Lucca, Italy.	.....	1·4702		"		48022	"
" 27	"	48028	L. H. Cant, Galt.	3 "	50	.....	Nat. Drug Co., Hamilton.	.....	1·4697		"		48028	"
" 25	"	48397	A. B. Petrie, Guelph..	3 "	75	.....	Lyman Bros., Toronto.	.....	1·4730	103	Brown..	Red..	48397	Adulterated
" 25	"	48400	W. H. Beattie, Guelph	3 "	60	.....	.....	.....	1·4702		Green..		48400	Genuine.

DISTRICT OF WINDSOR—JNO. TALBOT, INSPECTOR.

April 19	Olive Oil..	48357	W. T. Rapley. Strathroy.	3 bots.	50	.....	Nat. Drug Co., London.	Labelled Na-Dru-Co. Olive Oil.	1·4699		Green.		48357	Genuine.
" 19	"	48359	W. H. Stepler, Strathroy.	3 "	50	.....	W. T. Polson, Toronto.	.....	1·4699		"		48359	"
" 20	"	48362	H. E. Perrott, Brantford.	3 "	60	.....	R. S. McIndoe, Toronto.	.....	1·4697		"		48362	"
" 20	"	48365	R. M. Roddick, Brantford.	3 "	60	.....	Nat. Drug Co. .	Labelled Na-Dru-Co. Olive Oil.	1·4702		"		48365	"
" 20	"	48369	M. H. Robertson, Brantford.	3 "	75	J. B. & A. Artand, Marseille, France	.....	.....	1·4697		"		48369	"
" 20	"	48370	P. Cancello, Brantford.	3 "	85	Specuzza and Sansone, Italy.	.....	.....	1·4701		"		48370	"
" 21	"	48374	F. G. Walley, Ingersoll.	3 "	65	.....	E. G. West, Toronto.	.....	1·4740	109	Brown .	Red.	48374	Adulterated
" 21	"	48379	J. E. Gayfer, Ingersoll.	3 "	90	.....	Drug Trading Co., Toronto.	..... Labelled Superfine Olive Oil. F. Bertalli Lucca Tuscany.	1·4699		Green....		48379	Genuine.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis. Refractive index at 15·5 c.	Iodine number.	Nitric Acid Colour test.	Halphen's Colour test.	No. of Sample.	Remarks, and Opinion of the Chief Analyst.
DISTRICT OF WINDSOR—JNO. TALBOT, INSPECTOR—*Concluded.*														
1911.														
April 21	Olive Oil..	48380	A. Marello, Ingersoll.	3 bots.	70	.....	Cattelano, London, Ont.		1·4695	.....	Green ..	.....	48380	Genuine.
" 21	" ..	48383	D. Carmello, Ingersoll.	3 "	75	Unknown	Unknown.....	.....	1·4692	.....	" ..	.....	48383	"
DISTRICT OF MANITOBA—A. C. LARIVIERE, INSPECTOR.														
April 12	Olive Oil..	43583	McCullough's Drug Store, Winnipeg.	3 bots.	1.20	.....	.....	Virgin Olive Oil *Beaumardrand Brand.*	1·4705	.....	Green.	....	43583	Genuine.
" 12	" ..	43584	The Gordon Mitchell Drug Co., Winnipeg.	1 pt..	75	Vendors	.....	Salon Olive Oil..	1·4701	...	" .	...	43584	"
" 12	" ..	43585	F. Braund, Winnipeg.	1 "	75	Societé des Huiles d'Olive, de Nice.	N. C. Polson, Kingston.	Huiled Olive *Vierge Extra.*	1·4699	.....	" .	.....	43585	"
" 12	" ..	43586	Austins Drug Store, Winnipeg.	1 "	75	"	.....	Surfine Extra.	1·4699	.....	" ..	.....	43586	"
" 12	" ..	43587	The Clarendon Pharmacy, Winnipeg.	1 "	75	Nat. Drug & Chem. Co. of Canada, Ltd.	Manufacturers.	Na-Dru-Co. Olive Oil.	1·4704	.....	" ..	.....	43587	"
" 12	" ..	43588	H. D Campbell, Winnipeg.	1 "	1.00	Societé des Huiles d'Olive, de Nice.	N. C. Polson, Kingston.	Surfine Extra...	1·4699	...	" ..	.....	43588	"
" 12	" ..	43589	Rogers Drug Store, Winnipeg.	1 "	80	A. Guiot & Cie, aix en Provence.	.....	Huile d'Olive *lern special.*	1·4730	102	Brown.	Red. .	43589	Adulterated
" 12	" ..	43590	" "	1 "	80	" "	.....	Extra fine quality.	1·4710	...	Green..	.....	43590	Genuine.
" 13	" ..	43591	Connell & Co., Winnipeg.	1 qt..	1.25	Meyer Bros. Drug Co., St. Louis, U.S	.....	Maltese Cross *Virgin Olive Oil*	1·4701	...	"	.....	43591	"
" 13	" ..	43592	Poyntz & Co., Winnipeg.	1 pt..	75	A. Guiot & Cie, aix en Provence.	.....	Qualitic Vierge de aix.	1·4699		" ..	....	43592	"

DISTRICT OF CALGARY—R. W. FLETCHER, INSPECTOR.

1911.																
May	3	Olive Oil.	43822	J. H. Morris & Co., Edmonton.	1 pt.	40	E. Lazenby & Sons, Ltd., London, Eng.	.....	.....	1·4701	...	Green	.....	43822	Genuine.
"	3	Olive Oil..	43823	Hallier & Aldridge, Edmonton.	3 bots.	90	Crosse & Blackwell, London, Eng.	.....	.....	1·4701	...	Green	...	43823	Genuine
"	3	" ..	43824	Acme Co., Ltd., Edmonton.	3 "	1 35	Bret fils & Bavral, Salona, Provence, France.	.....	.....	1·4699	...	"	...	43824	"
"	3	" ..	43825	Hudson's Bay Co., Edmonton.	3 "	1 00	.....	.....	Huile d'Olive, Bordeaux.	1·4704	...	"	...	43825	"
"	3	" ..	43826	Capital Mercantile Co., Edmonton.	3 "	1 50	H. J. Heinz & Co., Pittsburg, Pa.	.....	.....	1·4707	...	"	...	43826	"
"	9	" ..	43827	C. A. Wallace, Calgary.	3 "	75	Lyman Bros. Co., Toronto.	.....	.....	1·4704	...	"	...	43827	"
"	9	" ..	43828	Nat. Drug. & Chem. Co., Ltd., Calgary.	3 "	75	.....	Vendors	.....	1·4701	...	"	...	43828	"
"	9	" ..	43829	L. T. Mewburn, & Co., Ltd., Calgary.	3 "	45	.....	Crosse & Blackwell, London.	.....	1·4701	...	"	...	43829	"
"	10	" ..	43830	Georgeson & Co. Ltd., Calgary.	3 "	75	Beaumarchand, Nice, France.	.....	.....	1·4701	...	"	...	43830	"
"	10	" ..	43831	Campbell, Wilson & Horne, Calgary.	3 "	75	.....	Halbrook & Co., Birmingham.	.....	1·4704	...	"	...	43831	"
"	10	" ..	43847	G. F. & J. Galt, Calgary.	3 "	75	Bret fils Aine & Bavral, Salona en Prov. France.	.....	.....	1·4699	...	"	...	43847	"

DISTRICT OF NELSON—THOS. PARKER, INSPECTOR.

May	3	Olive Oil.	48405	A. McDonald Co., Nelson, B.C.	3 bots.	60	Jno. Vittucci.....	.....	.....	1·4699	...	Green	...	48405	Genuine.
"	3	" ..	48406	A. McDonald Co., Nelson.	3 "	58	Crosse & Blackwell, England.	.....	.....	1·4700	...	"	...	48406	"

DISTRICT OF VANCOUVER—J. F. POWER, INSPECTOR.

April 25	Olive Oil	38165	Independant Drug Store, Main St. Vancouver, B.C.	3 bots.	75	.....	Fraser & Dick Vancouver.	.....	1·4699	...	Green	...	38165	Genuine.

BULLETIN No. 229—OLIVE OIL

DISTRICT OF VANCOUVER—J. F. POWER, INSPECTOR.—*Concluded.*

Date of Collection.	Name of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Furnisher.	Inspector's Report. (Is not an expression of opinion.)	Results of Analyses. Refractive index at 15·5 c.	Results of Analyses. Iodine number.	Results of Analyses. Nitric Acid Colour test.	Results of Analyses. Halphen's Colour test.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
1911.														
April 25	Olive Oil.	38166	Mount Pleasant Pharmacy, Main St., Vancouver.	3 bots.	45	.....	J. A. Tepoorten, Vancouver.	.....	1·4699	.....	.....	.....	38166	Genuine.
" 25	"	38167	Broadway Pharmacy, Granville St., Vancouver.	3 "	50	A. Guiot, France	.....	.....	1·4701	.....	"	.....	38167	
" 25	"	38168	Harrison's Drug Store, Granville St., Vancouver.	3 "	75	Canepa & Soci, Genoa, Italy.	.....	.....	1·4697	.....	"	.....	38168	
" 25	"	38169	Ferguson's Drug Store, Granville St., Vancouver.	3 "	75	J. Vitucci & Co., Italy.	.....	.....	1·4707	.....	Green	.....	38169	"
" 26	"	38170	Woods Pharmacy, Hastings St., Vancouver	3 "	1 05	Unknown	.....	.....	1·4701	.....	"	.....	38170	"
" 26	"	38171	E. S. Knowlton, Hastings St., Vancouver.	3 "	75	.....	W. P. Morris & Co.	.....	1·4699	.....	"	.....	38171	"
" 26	"	38172	Central Drug Store, Cordova St., Vancouver	3 "	1 05	J. La Tour & Cie, France.	.....	.....	1·4707	.....	"	.....	38172	"
" 26	"	38173	A. & C. Grocery, Granville St., Vancouver.	3 "	75	Crosse & Blackwell, London, Eng.	.....	.....	1·4699	.....	"	.....	38173	"
" 27	"	38174	J. F. Max, Granville St., Vancouver.	"	90	Schroder & Schyler, Bordeaux, France	.....	.....	1·4701	.....	"	.....	38174	"

DISTRICT OF VICTORIA—D. O'SULLIVAN, INSPECTOR.

May	5	Olive Oil	47565	Windsor Grocery Co., Victoria, B.C.	1 pt.	90	American Olive Co. Los Angeles, Cal.	.....	Pure olive oil...	1·4699	.....	Green..	.....	47565	Genuine.
"	5	" .	47566	D. H. Ross & Co., Victoria, B.C.	1 "	65	Jas. Plaguol, France.	.....	Virgin olive oil.	1·4700	...	"	.....	47566	"
"	5	" ..	47567	" "	1 "	50	Fratelli Alphonso, Lucca, Italy.	.....	Olis d'Oliva Soprafino.	1·4700	.....	"	.....	47567	"
"	5	" ..	47568	" "	1 "	85	J. E. Kubras, Redlands, Cal.	.....	Bohemian Club Brand.	1·4704	.....	"	.....	47568	"
"	5	" ..	47569	" "	1 "	50	Crosse & Blackwell, London, Eng.	.....	Pure Lucca oil..	1·4704	.....	"	.....	47569	"
"	5	" ..	47570	West End Grocery Co., Ltd., Victoria, B.C.	1 "	65	.....	Meyer & Laing, New York.	Olio Soprafino Extra.	1·4703	.....	"	.....	47570	"
"	5	" ..	47571	" "	1 "	65	.....	R. P. Ritbet & Co., Victoria, B.C.	Huille d'Olive Surfine Extra.	1·4699	.....	"	.....	47571	"
"	11	" ..	47572	Harrison & McDonald, Ltd., Victoria, B.C.	1 "	50	.....	John Vittucci, Vancouver.	Map of Italy pure olive oil.	1·4704	....	"	.....	47572	"
"	11	" ..	47573	Copas & Young, Victoria, B.C.	1 "	65	.....	Nicelle Olive Oil Co., New York	Nicelle olive oil.	1·4699	...	"	.....	47573	"
"	11	" ..	47574	H. O. Kirkham, Victoria, B.C.	1 "	50	.....	Holbrook & Co., London, Eng.	Guaranteed pure olive oil.	1·4703	.....	"	.....	47574	"